

Opm 669 (7/84)

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

3/20/84

SECTION I

MANUFACTURER'S NAME E. F. HOUGHTON & CO.		EMERGENCY TELEPHONE NO. 215-666-4105
ADDRESS (Number, Street, City, State, and ZIP Code) Madison & Van Buren Aves, Valley Forge, PA 19482		
CHEMICAL NAME AND SYNONYMS		TRADE NAME AND SYNONYMS COSMOLINE 1090
CHEMICAL FAMILY	FORMULA	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
Ingredients are not considered hazardous under current OSHA Regulations.					

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	High; Wide Range	SPECIFIC GRAVITY (H ₂ O=1)	0.902
VAPOR PRESSURE (mm Hg.)	NIL	PERCENT, VOLATILE BY VOLUME (%)	NIL
VAPOR DENSITY (AIR=1)	10+	EVAPORATION RATE (_____ =1)	NIL
SOLUBILITY IN WATER	Insoluble		
APPEARANCE AND ODOR	Viscous green oil; bland odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	> 400°F C.O.C.	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA	CO ₂ , Foam, Dry Chemical			
SPECIAL FIRE FIGHTING PROCEDURES	None - Treat as an oil fire			
UNUSUAL FIRE AND EXPLOSION HAZARDS	None			

SECTION V - HEALTH HAZARD DATA	
THRESHOLD LIMIT VALUE	
EFFECTS OF OVEREXPOSURE Eyes - Mild irritant. Skin - May be a mild irritant on prolonged contact.	
EMERGENCY AND FIRST AID PROCEDURES Eyes - Flush with water 15 minutes; consult physician if irritation persists. Skin - Wash with soap and water. Ingestion - Do not induce vomiting; consult physician. Product is mainly mineral oil.	

SECTION VI - REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Materials to avoid) Strong Oxidizers			
HAZARDOUS DECOMPOSITION PRODUCTS Thermal; oxides of carbon			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Apply dry oil absorbent type material and sweep up.	
WASTE DISPOSAL METHOD Follow pertinent regulations for disposal of waste petroleum oil.	

SECTION VIII - SPECIAL PROTECTION INFORMATION		
RESPIRATORY PROTECTION (Specify type) Not required		
VENTILATION	LOCAL EXHAUST Adequate	SPECIAL
	MECHANICAL (General)	OTHER
PROTECTIVE GLOVES Normally not needed		EYE PROTECTION Safety goggles if splashing
OTHER PROTECTIVE EQUIPMENT Not required		

SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Avoid contact with strong oxidizers.	
OTHER PRECAUTIONS	



March 21, 1984

DOUGLAS AIRCRAFT CO.
3855 Lakewood Blvd.
Long Beach, CA 90346

ATTN: Ms. L. A. Ferrell, Indus. Hyg.

RE: COSMOLINE 1090

Dear Ms. Ferrell:

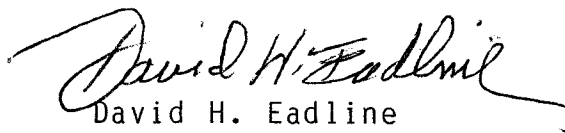
As requested, we are sending you the enclosed
Material Safety Data Sheet on the above product.

As I explained to you during our phone conversation
3/16, this product is no longer available.

Please let us know if we can be of further assistance.

Very truly yours,

E. F. HOUGHTON & CO.


David H. Eadline
Manager, Product Safety

DHE/ss
Enclosure